

What is claimed is:

1. A positioning method of an inhibitor switch including a switch housing having a terminal block having stationary contacts and a cover, and a moving block fitted on a manual shaft of an automatic transmission and having moving contacts for rotating with respect to the switch housing, the inhibitor switch being fixed on the housing of the automatic transmission for detecting the shift position of the automatic transmission electrically from a relative rotational position relation between the stationary contacts and the moving contacts in accordance with the rotation of the manual shaft of the automatic transmission, which comprises:

temporarily fastening the switch housing and the moving block in advance, before the inhibitor switch is fixed on the automatic transmission, through easily broken portions to be broken at a set torque, at relative rotation positions for detecting a specific shift position of the automatic transmission;

fixing the inhibitor switch on the automatic transmission after the moving block in the temporarily fastened state was fitted on the manual shaft at the specific shift position; and

then releasing the temporarily fastened state by rotating the manual shaft to break the easily broken portions.

2. A positioning structure of an inhibitor switch including

a switch housing having a terminal block having stationary contacts and a cover, and a moving block fitted on a manual shaft of an automatic transmission and having a fitting hole and moving contacts for rotating with respect to the switch housing, the inhibitor switch being fixed on the housing of the automatic transmission for detecting the shift position of the automatic transmission electrically from a relative rotational position relation between the stationary contacts and the moving contacts in accordance with the rotation of the manual shaft of the automatic transmission, which comprises:

a tack-fastening member fastened between the switch housing and the moving block in advance, before the inhibitor switch is fixed on the automatic transmission, at relative rotation positions for detecting a specific shift position of the automatic transmission and adapted to be broken at a set torque, wherein:

the moving block is brought into a temporarily fastened state with respect to the switch housing,

after the moving block in the temporarily fastened state was fitted on the manual shaft at the specific shift position, the inhibitor switch is fixed on the automatic transmission, and

the temporarily fastened state is then released by rotating the manual shaft to break the easily broken portions.

3. A positioning structure of an inhibitor switch including

a switch housing having a terminal block having stationary contacts; and a moving block fitted on a manual shaft of an automatic transmission and having a fitting hole and moving contacts for rotating with respect to the terminal block, the inhibitor switch being fixed on the housing of the automatic transmission for detecting the shift position of the automatic transmission electrically from a relative rotational position relation between the stationary contacts and the moving contacts in accordance with the rotation of the manual shaft of the automatic transmission, which comprises:

a tack-fastening member fastened between the terminal block and the moving block in advance, before the inhibitor switch is fixed on the automatic transmission, at relative rotation positions for detecting a specific shift position of the automatic transmission and adapted to be broken at a set torque, wherein:

the moving block is brought into a temporarily fastened state with respect to the terminal block,

after the moving block in the temporarily fastened state was fitted on the manual shaft at the specific shift position, the inhibitor switch is fixed on the automatic transmission, and

the temporarily fastened state is then released by rotating the manual shaft to break the easily broken portions.

4. A positioning structure of an inhibitor switch according

to Claim 3, wherein the tack-fastening member is made of a resin and includes a first fixed portion to be fixed on the side of the terminal block, a second fixed portion to be fixed on the side of the moving block, and an easily broken portion for connecting the first and second fixed portions.

5. A positioning structure of an inhibitor switch according to Claim 4, wherein the first and second fixed portions are formed into a ring shape generally concentric to the fitting hole of the moving block; and the easily broken portion is provided in plurality in the circumferential directions between the first and second fixed portions.

6. A positioning structure of an inhibitor switch according to Claim 4 or 5, wherein the first fixed portion is equipped with an outer press-fit portion; the second fixed portion is equipped with an inner press-fit portion; the terminal block is equipped with an output press-fitting accommodating portion for press-fitting the output press-fit portion; the moving block is equipped with an inner press-fitting accommodating portion for press-fitting the inner press-fit portion; and each of the press-fit portions has a crushing strength set higher than the strength of the easily broken portions.

7. A positioning structure of an inhibitor switch according to Claim 6, wherein the terminal block is equipped with an inward circumference for confronting the outer circumference of the ring-shaped first fixed portion; the moving block is

equipped with an outward circumference for confronting the inner circumference of the ring-shaped second fixed portion; and an accommodating recess for accommodating the first and second fixed portions is formed between the inward circumference and the outward circumference.

8. A positioning structure of an inhibitor switch according to Claim 6 or 7, wherein the first fixed portion is equipped separately of the outer press-fit portion with outer fastening portions to be fastened and fixed on the side of the terminal block; the second fixed portion is equipped separately of the inner press-fit portion with inner fastening portions to be fastened and fixed on the side of the moving block; the outer fastening portions are thermally additionally fastened and fixed on the side of the terminal block; and the inner fastening portions are thermally additionally fastened and fixed on the side of the moving block.

9. A positioning structure of an inhibitor switch according to Claim 7, wherein the outer press-fitting accommodating portions, the inner press-fitting accommodating portions and the accommodating recess are opened to the outer faces of the terminal block and the moving block.

10. A positioning structure of an inhibitor switch according to any of Claims 4 to 9, wherein the easily broken portions are interposed in plurality at different spacings in the circumferential directions between the first and second fixed

portions.

11. A positioning structure of an inhibitor switch according to any of Claims 4 to 10, wherein the easily broken portions are gradually thinned from both of the first fixed portion and the second fixed portion to the others to form stress-concentrated portions at their intermediate portions.

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